

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/599800.app.	US-PGPUB; USPAT	OR	ON	2008/10/25 18:07
S3	204	honda.in. and speaker	US-PGPUB; USPAT	OR	ON	2008/10/25 18:07
S4	130	sano.in. and speaker	US-PGPUB; USPAT	OR	ON	2008/10/25 18:08
S5	72	yamasaki.in. and speaker	US-PGPUB; USPAT	OR	ON	2008/10/25 18:08
S6	147	kubo.in. and speaker	US-PGPUB; USPAT	OR	ON	2008/10/25 18:08
S8	20	sumiyama.in. and speaker and (masahide)	US-PGPUB; USPAT	OR	ON	2008/10/25 18:08
S9	13	kubo.in. and speaker and (kazutaka)	US-PGPUB; USPAT	OR	ON	2008/10/25 18:09
S10	15	kubo.in. and (speaker or electro) and (kazutaka)	US-PGPUB; USPAT	OR	ON	2008/10/25 18:09

S11	9	yamasaki.in. and (electro or speaker) and (kazuya)	US-PGPUB; USPAT	OR	ON	2008/10/25 18:10
S12	18	honda.in. and (electro or speaker) and (kazuki)	US-PGPUB; USPAT	OR	ON	2008/10/25 18:10
S13	31	sano.in. and (electro or speaker) and (koji)	US-PGPUB; USPAT	OR	ON	2008/10/25 18:10
S14	43	S10 or S11 or S12 or S13	US-PGPUB; USPAT	OR	ON	2008/10/25 18:11
S15	2	("6674872"   "7200241").PN. OR ("7362877").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/25 18:30
S16	3	("6594372"   "6956953").PN. OR ("7200241").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/25 18:33
S20	3	("6594372"   "6956953").PN. OR ("7200241").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/25 19:03
S21	711	381/396.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/28 15:06

S22	3	("6594372"   "6956953").PN. OR ("7200241").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/28 15:23
S23	2	("6674872"   "7200241").PN. OR ("7362877").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/28 15:25
S24	3	("6385328").PN. OR ("6674872").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/28 15:25
S27	0	("2007/0036387").URPN.	USPAT	OR	ON	2008/10/28 17:18
S28	1	"20080250315"	US- PGPUB; USPAT	OR	ON	2008/10/28 17:18
S29	3	("6038327"   "6590991").PN. OR ("6807282").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 11:51
S30	8	("5721785"   "5956622"   "6229903"   "6404085").PN. OR ("6590991").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 13:13
S31	1	("5838809").PN. OR ("6553126").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 13:35

S32	11	("3609652"   "5583944").PN. OR ("5838809").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 13:39
S33	17	("2046509"   "2702895"   "2906828"   "2965874"   "3110329"   "3148012").PN. OR ("3609652").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 14:12
S34	9	("1930600"   "3609652"   "4680800"   "5583944"   "5838809").PN. OR ("6922477").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 14:15
S35	7	("3609652"   "5365268"   "5904589"   "5928029"   "6089904"   "6238238").PN. OR ("6504940").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 14:18
S36	20	("2903516"   "3443660"   "3533054"   "3609652"   "4061890"   "4158756"   "4360711"   "4465905"   "4520237"   "4566178"   "4590332"   "4608463"   "4692942"   "4703508"   "4737992"   "4752962").PN. OR ("4979220").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 14:22
S37	2	("2965874").URPN.	USPAT	OR	ON	2008/10/29 14:25
S38	6	("2702895").URPN.	USPAT	OR	ON	2008/10/29 14:27
S39	5	("2003/0044040").URPN.	USPAT	OR	ON	2008/10/29 14:32

S40	5	("20020114473"   "20030044040"   "6513623"   "6618487"   "6895099"). PN. OR ("7181040").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 14:35
S41	31	("20020114473"   "20030044040"   "20030059079"   "20030076969"   "20030086562"   "20030095680"   "5166984"   "5195142"   "5231659"   "6072887"   "6570992"   "D274429"   "D274516"   "D301332"   "D320798"   "D362442"   "D376593"   "D384076"   "D395898"   "D446785"   "D469071"   "D469417"   "D469418").PN. OR ("D487083").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 14:37
S42	24	("20020114473"   "20030044040"   "20030059079"   "20030076969"   "20030086562"   "20030095680"   "5166984"   "5195142"   "5231659"   "6072887"   "6570992"   "D274429"   "D274516"   "D301332"   "D320798"   "D362442"   "D376593"   "D384076"   "D395898"   "D446785"   "D469071"   "D469417"   "D469418").PN. OR ("D487455").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 14:37
S43	19	("2404877"   "4063049"   "4263484"   "4295009"   "4302695"   "4594478"   "4796288"   "4984268"   "5042071"   "5081674"   "5155773").PN. OR ("5231659").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 14:42

S44	25	( "3148249"   "3243527"   "4117275"   "4130740"   "4263484"   "4424419"   "4529846"   "4584702"   "4594478"   "4636591" ). PN. OR ( "4796288" ). URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 14:46
S45	129	( "20020076076"   "20020172382"   "20020172389"   "20030021432"   "20030063768"   "20030076970"   "20030081801"   "20030194103"   "20040047486"   "20040086149"   "2425481"   "2794862"   "3013127"   "3573397"   "3573400"   "3588383"   "3742156"   "3786202"   "3816671"   "3935398"   "3944756"   "3963881"   "4109116"   "4117275"   "4225755"   "4236051"   "4272654"   "4410769"   "4456796"   "4533795"   "4539441"   "4542264"   "4558184"   "4567382"   "4607145"   "4607383"   "4621171"   "4685137"   "4691363"   "4697334"   "4701640"   "4728934"   "4730283"   "4764690"   "4777650"   "4790021"   "4796288"   "4815138"   "4815560"   "4817164"   "4837833"   "4845512"   "4870688"   "4872148"   "4891843"   "4910840"   "4922471"   "4977590"   "4993072"   "5014322"   "5068901"   "5101543"   "5255246"   "5319717"   "5335210"   "5335286"   "5388163"   "5401914"   "5408534"   "5410608"   "5446413"   "5452268"   "5490220"   "5522123"   "5548658"   "5570428"   )	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 14:52

		"5615273"   "5619476"   "5673330"   "5677965"   "5682075"   "5708721"   "5809155"   "5861779"   "5862239"   "5870351"   "5875251"   "5881158"   "5889872"   "5894452"   "5946403"   "5949895"   "5952645"   "5970159"   "5978491"   "5982709"   "5982905"   "5990454"   "6011855"   "6031922"   "6044160"   "6078677"   "6169810"   "6178249"   "6201876"   "6243474"   "6323049"   "6366678"   "6438243"   "6504937"   "6532293"   "6549632"   "6580797"   "6594369"   "6597793"   "6606389"   "6614911"   "6647368"   "6671379"   "6677176"   "6684484"). PN. OR ("6694032"   "6704427"   "6707920"   "6950529").PN. OR ("7415121").URPN.				
S46	11	("2902668"   "3497638"   "4205205"). PN. OR ("4360711").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 15:10
S47	6	("4590337"   "6038327"   "6072886"   "6370257").PN. OR ("6463161"). URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 15:23

S48	57	("2113366"   "2144137"   "2154301"   "2179686"   "3211874"   "3382575"   "3431545"   "3631372"   "3697926"   "3810072"   "3815077"   "4012094"   "4176895"   "4230383"   "4735578"   "4799891"   "4828515"   "4842556"   "4857001"   "4902606"   "5002504"   "5049084"   "5127849"   "5314355"   "5338231"   "5520545"   "5655913"   "5769673"   "5791925"   "5800184"   "5800200"   "5807124"   "5876217"   "5885090"   "5931689"   "5980268"   "5980323"   "6007349"   "6033233"   "6152789"   "6162103"   "6172594"   "6231394"   "6280254"   "6302702"   "6305960"   "6370257"     "6463161").PN. OR ("6860766"). URPN.	US- PGPUB; USPAT;	OR	ON	2008/10/29 15:29
S49	1078399	381/409, "410", "394", "152", "431". ccls.	US- PGPUB; USPAT	OR	ON	2008/10/29 15:53
S50	991	381/409,410,394,152,431.ccls.	US- PGPUB; USPAT	OR	ON	2008/10/29 15:53
S51	229	381/409,410.ccls.	US- PGPUB; USPAT	OR	ON	2008/10/29 15:53
S52	0	("6842530").URPN.	USPAT	OR	ON	2008/10/29 16:00

S53	91	381/394.ccls.	US- PGPUB; USPAT	OR	ON	2008/10/29 16:02
S54	378	381/431.ccls.	US- PGPUB; USPAT	OR	ON	2008/10/29 16:07
S55	415	381/152.ccls.	US- PGPUB; USPAT	OR	ON	2008/10/29 16:16
S56	405	379/433.02,433.05,438.ccls.	US- PGPUB; USPAT	OR	ON	2008/10/29 16:17
S57	129	("20020076076"   "20020172382"   "20020172389"   "20030021432"   "20030063768"   "20030076970"   "20030081801"   "20030194103"   "20040047486"   "20040086149"   "2425481"   "2794862"   "3013127"   "3573397"   "3573400"   "3588383"   "3742156"   "3786202"   "3816671"   "3935398"   "3944756"   "3963881"   "4109116"   "4117275"   "4225755"   "4236051"   "4272654"   "4410769"   "4456796"   "4533795"   "4539441"   "4542264"   "4558184"   "4567382"   "4607145"   "4607383"   "4621171"   "4685137"   "4691363"   "4697334"   "4701640"   "4728934"   "4730283"   "4764690"   "4777650"   "4790021"   "4796288"   "4815138"   "4815560"   "4817164"   "4837833"   "4845512"	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/29 16:49

		"4870688"   "4872148"   "4891843"   "4910840"   "4922471"   "4977590"   "4993072"   "5014322"   "5068901"   "5101543"   "5255246"   "5319717"   "5335210"   "5335286"   "5388163"   "5401914"   "5408534"   "5410608"   "5446413"   "5452268"   "5490220"   "5522123"   "5548658"   "5570428"   "5615273"   "5619476"   "5673330"   "5677965"   "5682075"   "5708721"   "5809155"   "5861779"   "5862239"   "5870351"   "5875251"   "5881158"   "5889872"   "5894452"   "5946403"   "5949895"   "5952645"   "5970159"   "5978491"   "5982709"   "5982905"   "5990454"   "6011855"   "6031922"   "6044160"   "6078677"   "6169810"   "6178249"   "6201876"   "6243474"   "6323049"   "6366678"   "6438243"   "6504937"   "6532293"   "6549632"   "6580797"   "6594369"   "6597793"   "6606389"   "6614911"   "6647368"   "6671379"   "6677176"   "6684484"). PN. OR ("6694032"   "6704427"   "6707920"   "6950529").PN. OR ("7415121").URPN.				
S58	0	("2004/0091127").URPN.	USPAT	OR	ON	2008/10/29 17:41
S59	373	381/354.ccls.	US- PGPUB; USPAT	OR	ON	2008/10/29 17:42

10/30/2008 3:56:14 PM

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acoustic converter.wsp